

UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION

PATENT NO. : 7,499,711 B2  
APPLICATION NO. : 10/609891  
DATED : March 3, 2009  
INVENTOR(S) : Hooctor et al.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In Column 12, Line 30, delete "k" and insert -- k. --, therefor.

In Column 13, Line 66, delete " $\mathbf{Y}_i$ " and insert --  $\tilde{\mathbf{Y}}_i$  --, therefor.

In Column 14, Line 13, delete " $\mathbf{Y}_i$ " and insert --  $\tilde{\mathbf{Y}}_i$  --, therefor.

$$\sum = \frac{\sigma^2}{R} (I + QQR)$$

In Column 15, Lines 61-65, Equation "(21)", delete " $\Sigma_{\bar{V}}$ " and insert

$$\Sigma_{\bar{V}} = \frac{\sigma^2}{R} (\mathbf{I} + \mathbf{Q} \mathbf{Q}^T) \\ --, therefor.$$

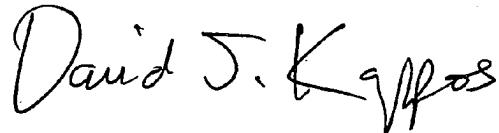
In Column 17, Line 61, delete "TH/DH-UWB" and insert -- TR/DH-UWB --, therefor.

In Column 18, Line 56, in Claim 4, delete "TR-UWB" and insert -- TR/DH-UWB --, therefor.

In Column 19, Line 23, in Claim 12, delete "TD/DH" and insert -- TR/DH --, therefor.

Signed and Sealed this

Sixteenth Day of March, 2010



David J. Kappos  
Director of the United States Patent and Trademark Office